

ABSTRACT

An apparatus for latching a door against a frame has a door pin extending from the door and a handle lever rotatably mounted to the door and having an extending handle pin. A latch bar is mounted for reciprocating travel relative to the frame, the latch bar having a first slot having a cam surface adapted to receive the door pin, and a second slot adapted to receive the handle pin. The latch bar and handle have a first position where the handle pin enters the second slot and the door pin enters the first slot, and a second position where the handle pin contacts the second slot and the cam surface bears against the door pin. Rotation of the handle when the latch bar is in the first position causes the handle pin to bear against the second slot, moving the latch bar in a latching direction from the first position to the second position, so that the first slot on the cam surface bears against the door pin and urges the door in a closing direction.

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